



RECORD

07-18-2005



103042043

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Our Ref.: 2380-774

7/12/05
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
<p>1. Name of conveying party(ies): Tobias TYNDERFELDT Mikael HÖÖK</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: April 26, 2005; May 2, 2005</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>TELEFONAKTIEBOLAGET L M ERICSSON (publ)</u> Internal Address: Street Address: City: <u>Stockholm</u> State/Country: <u>Sweden</u> Zip: <u>SE-164 83</u></p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____</p> <table border="0"><tr><td>A. Patent Application No(s). (1) 11/108,903 (2) (3)</td><td>B. Patent No(s). (1) (2) (3)</td></tr></table> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No(s). (1) 11/108,903 (2) (3)	B. Patent No(s). (1) (2) (3)	
A. Patent Application No(s). (1) 11/108,903 (2) (3)	B. Patent No(s). (1) (2) (3)			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>John R. Lastova</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon & Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11th Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) (8021) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>			
DO NOT USE THIS SPACE				
<p>9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <table border="0"><tr><td><u>John R. Lastova</u> Name of Person Signing Reg. No. 33,149</td><td> Signature</td><td><u>July 12, 2005</u> Date</td></tr></table> <p>Total number of pages including original cover sheet, attachments, and document: [3]</p>		<u>John R. Lastova</u> Name of Person Signing Reg. No. 33,149	 Signature	<u>July 12, 2005</u> Date
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07/14/2005 HALI11 00000069 11108903

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(40.00 OF)

ASSIGNMENT

WHEREAS, Tobias TYNDERFELDT and Mikael HÖÖK (hereinafter ASSIGNORS) of Sjovagen 2, 2 tr, Solna, Sweden SE-169 55, and Bagarbyv. 15, Sollentuna, Sweden SE-191 34, respectively, have invented a certain improvement in SELECTION OF CHANNEL CODING AND MULTIDIMENSIONAL INTERLEAVING SCHEMES FOR IMPROVED PERFORMANCE for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on April 19, 2005 under Serial No. 11/108,903;

WHEREAS, TELEFONAKTIEBOLAGET L M ERICSSON (publ) (hereinafter ASSIGNEE), a corporation of the Country of Sweden, having an office and place of business at Stockholm, Sweden S-164 83 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNORS by these presents hereby sell, assign, and transfer unto the ASSIGNEE, its successors, assigns, and legal representatives, the aforesaid application(s) and the full and exclusive right to the invention and improvements therein in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent or Patents claiming priority from the aforesaid application to ASSIGNEE, for its

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interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

ASSIGNORS hereby agree to assist in the preparation of and hereby assign a like interest to said ASSIGNEE, its successors, assigns, and legal representatives, without further remuneration, any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application or otherwise growing out of or related to the invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives necessary to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNORS specifically agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

AGREED and executed as noted below:

April 26 - 2005 Tobias Tynderfeldt
Date Tobias TYNDERFELDT

Witnessed by:

Name: [Signature] Date: April 26 - 2005

May 2 - 2005 [Signature]
Date Mikael FROOK

Witnessed by:

Name: [Signature] Date: 2005, May 02